

ABSTRACT OF THE DISCLOSURE

A seat assembly machine includes an independently adjustable alignment mechanism. A seat holding mechanism secures a seat frame in place relative to a fabric cover that is supported on another portion of the machine. An independently moveable alignment mechanism includes support posts that are received through openings in the cover and into corresponding receiver portions of the seat frame to properly align those components. After proper alignment is verified, the seat frame is inserted into the cover. The adjustment mechanism is normally biased toward the seat frame holding mechanism and movement of the seat frame holding mechanism overcomes the bias on the alignment mechanism so that the alignment mechanism selectively moves with the seat holder mechanism during an assembly process. The independently positionable alignment mechanism facilitates assembling a variety of seat types using a single machine.

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